

### **Listing of Claims**

1. **(Withdrawn)** A method of identifying medical literature performed by a computer system, comprising:
  - receiving one or more identifiers of a disease classification system;
  - translating the one or more identifiers of the disease classification system into one or more identifiers of a medical literature classification system for a medical literature database;
  - filtering the medical literature database based at least on relevance to evidence-based medicine; and
  - identifying one or more medical literature articles from the medical literature database based at least on the one or more identifiers of the medical literature classification system.
2. **(Withdrawn)** The method of claim 1, wherein the one or more identifiers of the disease classification system are derived from the disease classification system.
3. **(Withdrawn)** The method of claim 1, wherein the one or more identifiers of the disease classification system are directly from the disease classification system.
4. **(Withdrawn)** The method of claim 1, wherein the one or more identifiers of the disease classification system are derived from the medical literature classification system.
5. **(Withdrawn)** The method of claim 1, wherein the one or more identifiers of the disease classification system are directly from the medical literature classification system.
6. **(Withdrawn)** The method of claim 1, wherein the disease classification system includes one or more diagnostic codes of one or more patients.
7. **(Withdrawn)** The method of claim 1, wherein the disease classification system includes SNOMED (Systematized Nomenclature of Medicine of the College of American Pathologists).
8. **(Withdrawn)** The method of claim 1, wherein the disease classification system includes ICD (International Classification of Diseases)

9. **(Withdrawn)** The method of claim 8, wherein the disease classification system includes a clinical modification of ICD (International Classification of Diseases).
10. **(Withdrawn)** The method of claim 8, wherein the disease classification system includes ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Modification).
11. **(Withdrawn)** The method of claim 8, wherein the disease classification system includes ICD-10-CM (International Classification of Diseases, Tenth Revision, Clinical Modification).
12. **(Withdrawn)** The method of claim 1, wherein the disease classification system includes ISCD (International Statistical Classification of Diseases and Related Health Problems of the World Health Organization).
13. **(Withdrawn)** The method of claim 1, wherein the disease classification system includes CPT (Current Procedural Terminology of the American Medical Association).
14. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes MeSH (MEDLINE's Major Subject Headings).
15. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes BIOSIS.
16. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes DISEASEDEX.
17. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes DRUGDEX.
18. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes Faculty of 1000.
19. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes National Guidance Clearinghouse.
20. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes Public Library of Science.

21. **(Withdrawn)** The method of claim 1, wherein the medical literature classification system includes PsycINFO.
22. **(Withdrawn)** The method of claim 1, wherein the medical literature articles are clinical articles.
23. **(Withdrawn)** The method of claim 1, wherein the medical literature articles are evidence-based articles.
24. **(Withdrawn)** The method of claim 1, wherein the medical literature articles include validated treatments.
25. **(Withdrawn)** The method of claim 1, further comprising:  
making the one or more medical literature articles available to one or more medical professionals.
26. **(Withdrawn)** The method of claim 1, wherein the one or more medical professionals provide medical care for one or more patients.
27. **(Withdrawn)** The method of claim 1, wherein the filtering uses at least a generic evidence-based medicine filter.
28. **(Withdrawn)** The method of claim 1, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.
29. **(Withdrawn)** The method of claim 1, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.
30. **(Withdrawn)** The method of claim 1, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.
31. **(Withdrawn)** The method of claim 1, wherein at least partly due to the filtering, identifying the one or more medical literature articles identifies evidence based medicine articles when used with a gold standard set of citations of evidence based medicine articles.
32. **(Withdrawn)** The method of claim 31, wherein the gold standard set of citations is identified by a panel of experts.

33. **(Withdrawn)** The method of claim 31, wherein evidence based medicine articles are identified with high specificity and high sensitivity.
34. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 60%.
35. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 70%.
36. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 80%.
37. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 85%.
38. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 90%.
39. **(Withdrawn)** The method of claim 31, wherein high specificity is at least 95%.
40. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 60%.
41. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 65%.
42. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 70%.
43. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 75%.
44. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 80%.
45. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 85%.
46. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 90%.
47. **(Withdrawn)** The method of claim 31, wherein high sensitivity is at least 95%.
48. **(Withdrawn)** The method of claim 1, wherein at least partly due to the filtering, identifying the one or more medical literature articles approximates a gold standard set of citations of evidence based medicine articles.
49. **(Withdrawn)** The method of claim 48, wherein the gold standard set of citations is identified by a panel of experts.
50. **(Withdrawn)** The method of claim 1, further comprising:  
receiving one or more physical findings of one or more patients; and  
translating the one or more physical findings into one or more identifiers of the medical literature classification system for the medical literature database.
51. **(Withdrawn)** The method of claim 50, wherein the one or more physical findings include data from clinical examination of the one or more patients.

52. **(Original)** A method of identifying medical literature performed by a computer system, comprising:
- receiving one or more genetic profiles of one or more patients;
  - translating the one or more genetic profiles into one or more identifiers of a medical literature classification system for a medical literature database;
  - filtering the medical literature database based at least on relevance to evidence-based medicine; and
  - identifying one or more medical literature articles from the medical literature database based at least on the one or more identifiers of the medical literature classification system.
53. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more partial genetic codes.
54. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more complete genetic codes.
55. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more partial genetic sequences.
56. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more complete genetic sequences.
57. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more partial genomes.
58. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more complete genomes.
59. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more single nucleotide polymorphism identifiers.
60. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more haplotype identifiers.

61. **(Original)** The method of claim 52, wherein the one or more genetic profiles includes one or more genetic proxies.
62. **(Original)** The method of claim 61, wherein the one or more genetic proxies includes one or more chemical proxies.
63. **(Original)** The method of claim 61, wherein the one or more genetic proxies includes one or more biochemical proxies.
64. **(Original)** The method of claim 52, wherein the medical literature classification system includes MeSH (MEDLINE's Major Subject Headings).
65. **(Original)** The method of claim 52, wherein the medical literature classification system includes BIOSIS.
66. **(Original)** The method of claim 52, wherein the medical literature classification system includes DISEASEDEX.
67. **(Original)** The method of claim 52, wherein the medical literature classification system includes DRUGDEX.
68. **(Original)** The method of claim 52, wherein the medical literature classification system includes Faculty of 1000.
69. **(Original)** The method of claim 52, wherein the medical literature classification system includes National Guidance Clearinghouse.
70. **(Original)** The method of claim 52, wherein the medical literature classification system includes Public Library of Science.
71. **(Original)** The method of claim 52, wherein the medical literature classification system includes PsycINFO.
72. **(Original)** The method of claim 52, wherein the medical literature articles are clinical articles.
73. **(Original)** The method of claim 52, wherein the medical literature articles are evidence-based articles.

74. **(Original)** The method of claim 52, wherein the medical literature articles include validated treatments.
75. **(Original)** The method of claim 52, further comprising:  
making the one or more medical literature articles available to one or more medical professionals.
76. **(Withdrawn)** The method of claim 1, further comprising:  
wherein the one or more medical professionals provide medical care for the one or more patients.
77. **(Original)** The method of claim 52, wherein the filtering uses at least a generic evidence-based medicine filter.
78. **(Original)** The method of claim 52, wherein the filtering uses at least a McMaster University optimal search strategy evidence-based medicine filter.
79. **(Original)** The method of claim 52, wherein the filtering uses at least a University of York statistically developed search evidence-based medicine filter.
80. **(Original)** The method of claim 52, wherein the filtering uses at least a University of California San Francisco systemic review evidence-based medicine filter.
81. **(Original)** The method of claim 52, wherein at least partly due to the filtering, identifying the one or more medical literature articles identifies evidence based medicine articles when used with a gold standard set of citations of evidence based medicine articles.
82. **(Original)** The method of claim 81, wherein the gold standard set of citations is identified by a panel of experts.
83. **(Original)** The method of claim 81, wherein evidence based medicine articles are identified with high specificity and high sensitivity.
84. **(Original)** The method of claim 81, wherein high specificity is at least 60%.
85. **(Original)** The method of claim 81, wherein high specificity is at least 70%.
86. **(Original)** The method of claim 81, wherein high specificity is at least 80%.
87. **(Original)** The method of claim 81, wherein high specificity is at least 85%.

88. **(Original)** The method of claim 81, wherein high specificity is at least 90%.
89. **(Original)** The method of claim 81, wherein high specificity is at least 95%.
90. **(Original)** The method of claim 81, wherein high sensitivity is at least 60%.
91. **(Original)** The method of claim 81, wherein high sensitivity is at least 65%.
92. **(Original)** The method of claim 81, wherein high sensitivity is at least 70%.
93. **(Original)** The method of claim 81, wherein high sensitivity is at least 75%.
94. **(Original)** The method of claim 81, wherein high sensitivity is at least 80%.
95. **(Original)** The method of claim 81, wherein high sensitivity is at least 85%.
96. **(Original)** The method of claim 81, wherein high sensitivity is at least 90%.
97. **(Original)** The method of claim 81, wherein high sensitivity is at least 95%.
98. **(Original)** The method of claim 52, wherein at least partly due to the filtering, identifying the one or more medical literature articles approximates a gold standard set of citations of evidence based medicine articles.
99. **(Original)** The method of claim 98, wherein the gold standard set of citations is identified by a panel of experts.
100. **(Original)** The method of claim 52, further comprising:  
receiving one or more physical findings of one or more patients; and  
translating the one or more physical findings into one or more identifiers of the medical literature classification system for the medical literature database.
101. **(Withdrawn)** The method of claim 48, wherein the one or more physical findings include data from clinical examination of the one or more patients.
102. **(Withdrawn)** A computer readable medium with code implementing a method comprising:  
receiving one or more identifiers of a disease classification system;  
translating the one or more identifiers of the disease classification system into one or more identifiers of a medical literature classification system for a medical literature database;  
filtering the medical literature database based at least on relevance to evidence-based medicine; and



identifying one or more medical literature articles from the medical literature database based at least on the one or more identifiers of the medical literature classification system.

103. **(Original)** A computer readable medium with code implementing a method comprising:
- receiving one or more genetic profiles of one or more patients;
  - translating the one or more genetic profiles into one or more identifiers of a medical literature classification system for a medical literature database;
  - filtering the medical literature database based at least on relevance to evidence-based medicine; and
  - identifying one or more medical literature articles from the medical literature database based at least on the one or more identifiers of the medical literature classification system.